

# Comparisons of Job Characteristics

**Focus Occupation:** [Health Technologists and Technicians, All Other \(29-2099\)](#)  
**Associated Occupation:** [Cardiovascular Technologists and Technicians \(29-2031\)](#)

[Compare Knowledge](#)  
[Compare Skills](#)  
[Compare Abilities](#)  
[Compare Detailed Work Activities](#)  
[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 95

**Focus Occupation:** Health Technologists and Technicians, All Other (29-2099)  
**Associated Occupation:** Cardiovascular Technologists and Technicians (29-2031)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Customer and Personal Service	11.3	18.0	15.5	<	Expanded education and/or training may be required
Medicine and Dentistry	3.7	17.4	15.1	<	Expanded education and/or training may be required
Biology	3.7	9.9	8.0	<	Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 91

**Focus Occupation:** Health Technologists and Technicians, All Other (29-2099)  
**Associated Occupation:** Cardiovascular Technologists and Technicians (29-2031)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Monitoring	9.9	11.6	11.0	0	Current skill level may be sufficient
Science	4.5	10.6	6.0	<<	Extensive development of skills in this area may be required
Service Orientation	7.9	10.5	10.4	0	Current skill level may be sufficient
Operation Monitoring	6.6	10.1	8.0	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 96

**Focus Occupation: Health Technologists and Technicians, All Other (29-2099)**  
**Associated Occupation: Cardiovascular Technologists and Technicians (29-2031)**

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Problem Sensitivity	11.1	14.8	13.5	0	Current ability level may be sufficient
Oral Comprehension	12.5	13.7	13.6	0	Current ability level may be sufficient
Oral Expression	12.4	13.6	13.3	0	Current ability level may be sufficient
Near Vision	11.1	11.4	11.6	0	Current ability level may be sufficient
Written Comprehension	11.0	11.1	11.9	0	Current ability level may be sufficient
Information Ordering	9.9	11.0	10.9	0	Current ability level may be sufficient
Deductive Reasoning	10.6	10.7	11.6	0	Current ability level may be sufficient
Inductive Reasoning	10.2	10.7	11.5	0	Current ability level may be sufficient
Written Expression	9.8	10.7	10.8	0	Current ability level may be sufficient
Selective Attention	8.7	10.0	9.7	0	Current ability level may be sufficient
Perceptual Speed	7.4	9.7	8.2	<	Some improvement in abilities may be required
Time Sharing	6.6	8.0	7.5	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

There are no common work activities.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 59

**Focus Occupation: Health Technologists and Technicians, All Other (29-2099)**  
**Associated Occupation: Cardiovascular Technologists and Technicians (29-2031)**

Tools and Technologies	Exclusivity
Acute care monitoring units and related products	22
Blood pressure units and related products	11
Computers	1
Data management and query software	1
Diagnostic assessment and exam products for general use	21
Industry specific software	1
Intravenous and arterial tubing and administration sets and related products	22
Light and wave generating and measuring equipment	4
Medical diagnostic x ray products	26
Medical imaging processing equipment and supplies	33
Medical radiological imaging information and archiving products	43
Medical radiological shielding and protection products	31
Medical ultrasound and doppler and echo imaging products	19
Network applications software	1
Oxygen therapy delivery systems and devices	13
Pulse oximeters	18
Scopes and specula and accessories for medical exam diagnostic use	23

Specimen collection and transport containers and supplies	14
Stethoscopes and related products	14
Surgical clamps and forceps and surgical ligators and related instruments	29
Suture and surgical tissue closure instruments and related products	33
Syringes and accessories	14

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.